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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/007,242	11/10/2001	Kenneth Russell Mills	PTU000002	3674

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EXAMINER

LEE, JOHN J

ART UNIT	PAPER NUMBER
2684	

DATE MAILED: 03/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/007,242	Applicant(s) MILLS ET AL.	
	Examiner JOHN J LEE	Art Unit 2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 and 18-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 and 18-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims 1-7 and 18-22** are rejected under 35 U.S.C. 103(a) as being unpatentable over Gorman (US Patent number 6,141,356) in view of Salazar et al. (US Patent number 5,802,467).

Regarding **claims 1 and 18**, Gorman discloses that a communication system (Fig. 1 and column 3, lines 16 – 46). Gorman teaches that a cordless telephone system (54, 51 in Fig. 3) including at least one cordless base station (52 in Fig. 3) and at least one cordless telephone unit (54 in Fig. 3) for communicating with the at least one cordless base station (Fig. 3 and column 6, lines 43 – column 7, lines 23, where teaches the cordless handset communicates with a cordless base station). Gorman teaches that a remote wireless device (56, 57, 59 in Fig. 3) responsive to commands of the telephone system (PSTN) and configured for communicating directly with the cordless telephone system without transmission between telephone handsets (52 in Fig. 3) (Fig. 3, column 3, lines 47 – column 5, lines 7, and column 5, lines 61 – column 6, lines 42, the wireless remote units such that headset, laptop computer, DSL box communicates only (without transmission between telephone handsets) with base unit or cordless base unit that configures through directly connecting to public switched telephone network), the remote

wireless device (56, 57, 59 in Fig. 3) including a controller (the laptop or DSL box inherently has a controller) which generates or obtains the information for the user (displaying or playing information or music or voice) and a transmitter which transmits the information to the cordless telephone system (52 in Fig. 3) (a small antenna for transmitter and receiver) to be conveyed at the user interface of the cordless telephone unit (Fig. 3 and column 5, lines 61 – column 6, lines 42, where teaches a remote wireless device has a controller for displaying or playing voice or graphic information data for user and also has a small antenna for transmitter and receiver).

Gorman does not specifically disclose the limitation “the at least one cordless telephone unit having a user interface including a visual display and a speaker for conveying information to an end-user”. However, Salazar discloses the limitation “the at least one cordless telephone unit having a user interface including a visual display and a speaker for conveying information to an end-user” (Fig. 1b, 2 and column 6, lines 30 – column 7, lines 54, where teaches the cordless handset directly communicates (conveying information data) with visual and voice information to end user such that TV set, VCR, CD player, Cable Box, Intercom, and Sound System). It would have been obvious to one having ordinary skill in the art, at the time the invention was made to modify the Gorman system as taught by Salazar, provide the motivation to achieve establishing an efficient communication link/connection and enhancing signal adaptability in cordless system.

Regarding **claim 2**, Gorman discloses that the remote wireless device comprises a remote wireless intercom (Fig. 3 and column 6, lines 64 – column 7, lines 23, where teaches remote wireless device such as intercom).

Regarding **claim 3**, Gorman and Salazar disclose all the limitation, as discussed in claims 1 and 2. Furthermore, Gorman further discloses that the information comprises voice signals, and the speaker, the microphone, the receiver, and the transmitter (antenna) are used for engaging in an intercom voice communication session (group talk, speakerphone) with the cordless telephone system (Fig. 3 and column 6, lines 3 – column 7, lines 44).

Regarding **claim 4**, Gorman and Salazar disclose all the limitation, as discussed in claims 1 and 3. Furthermore, Gorman further discloses that the a battery interface used for supplying power to the speaker, the microphone, the receiver, and the transmitter (Fig. 3 and column 6, lines 3 – column 7, lines 44, where Gorman teaches the remote wireless device could be cellular phone or else, anything can possible) and inherently mobile phone or cordless phone has a battery interface used for supplying power to the speaker, the microphone, the receiver, and the transmitter. Without battery in the cellular phone, the phone does not work).

Regarding **claim 5**, Gorman and Salazar disclose all the limitation, as discussed in claims 1 and 3. Furthermore, Gorman teaches a remote device includes a communication interface for coupling to and receiving the information from a computer (Fig. 3 and column 2, lines 35 – column 3, lines 15).

Regarding **claim 6**, Gorman and Salazar disclose all the limitation, as discussed in claims 1 and 5. Furthermore, Gorman teaches the computer having an application program residing in memory which is executable to generate the information which is

sent to the remote wireless device for transmission to the cordless telephone system (Fig. 3 and column 2, lines 35 – column 3, lines 15).

Regarding **claim 7**, Gorman does not specifically disclose the limitation “the remote wireless device is coupled to and receives the information from a sensor comprising one of a temperature sensor, a weather sensor, or a motion detector sensor”. However, Salazar discloses the limitation “the remote wireless device is coupled to and receives the information from a sensor comprising one of a temperature sensor, a weather sensor, or a motion detector sensor” (Fig. 3, 4 and column 22, lines 33 – column 23, lines 59). It would have been obvious to one having ordinary skill in the art, at the time the invention was made to modify the Gorman system as taught by Salazar. The motivation does so would be to improve information data/voice adaptability in wireless device in mobile communication system.

Regarding **claim 19**, Gorman and Salazar disclose all the limitation, as discussed in claim 1.

Regarding **claims 20, 21, and 22**, Gorman and Salazar disclose all the limitation, as discussed in claims 1 and 6. Furthermore, Gorman teaches the application program comprises a scheduling notification program, an electronic mail program, and audio delivery program (column 2, lines 36 – column 3, lines 67 and Fig. 3, where teaches computer program in laptop or PDA includes a scheduling notification, E-mail by Internet, and visual/audio playing/generating).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Haartsen (US patent number 6,044,268) discloses Providing Intercom and Multiple Voice Channels in a Private Telephone System.

Kite (US patent number 6,792,263) discloses Remote Operational Screener.

Information regarding...Patent Application Information Retrieval (PAIR) system... at 866-217-9197 (toll-free)."

Any response to this action should be mailed to:

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or faxed to:

(703) 308-9051, (for formal communications intended for entry)

Or:

(703) 308-6606 (for informal or draft communications, please label
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Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

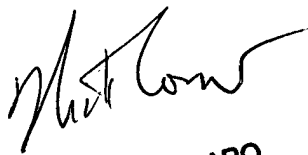
Any inquiry concerning this communication or earlier communications from the examiner should be directed to **John J. Lee** whose telephone number is **(703) 306-5936**. He can normally be reached Monday-Thursday and alternate Fridays from 8:30am-5:00 pm. If attempts to reach the examiner are unsuccessful, the examiner's supervisor, **Nay**

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Aung Maung, can be reached on (703) 308-7745. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-4700.

J.L.
March 4, 2005

John J Lee

A handwritten signature in black ink, appearing to read "Nick Corsaro", written in a cursive style.

**NICK CORSARO
PRIMARY EXAMINER**